Memorial Sloan Kettering Cancer Center

PATIENT & CAREGIVER EDUCATION

About Your Posterior Pelvic Exenteration Surgery

This guide will help you get ready for your posterior pelvic exenteration (eg-ZEN-teh-RAY-shun) at MSK. It will also help you know what to expect as you recover.

Use this guide as a source of information in the days leading up to your surgery. Bring it with you on the day of your surgery. You and your care team will use it as you learn more about your recovery.

About your posterior pelvic exenteration

A posterior pelvic exenteration is a surgery to remove organs from your gastrointestinal and gynecologic systems. You may be having this surgery because you have cancer in your cervix or another organ in your gastrointestinal or gynecologic systems.

About your gastrointestinal system

Your gastrointestinal system includes your:

- Mouth
- Esophagus (food pipe)
- Small intestine
- Colon (large intestine)
- Rectum (bottom end of your colon)

- Anus

Figure 1 shows the parts of your gastrointestinal system.

During your surgery, your surgeon will remove part of your colon. They'll also remove your rectum and anus. This means you'll need a new place for stool (poop) to leave your body.

Your surgeon will bring the end of your remaining colon to the outside of your abdomen (belly). This creates a colostomy, which is a new place for stool to leave your body. The opening itself is called a stoma. A pouch (bag) will cover the stoma to collect your stool.

Your healthcare team will teach you how to care for your stoma as you recover. Read *Caring for Your Ileostomy or Colostomy* (www.mskcc.org/pe/caring_ileostomy_colostomy) to learn more about living with a colostomy.

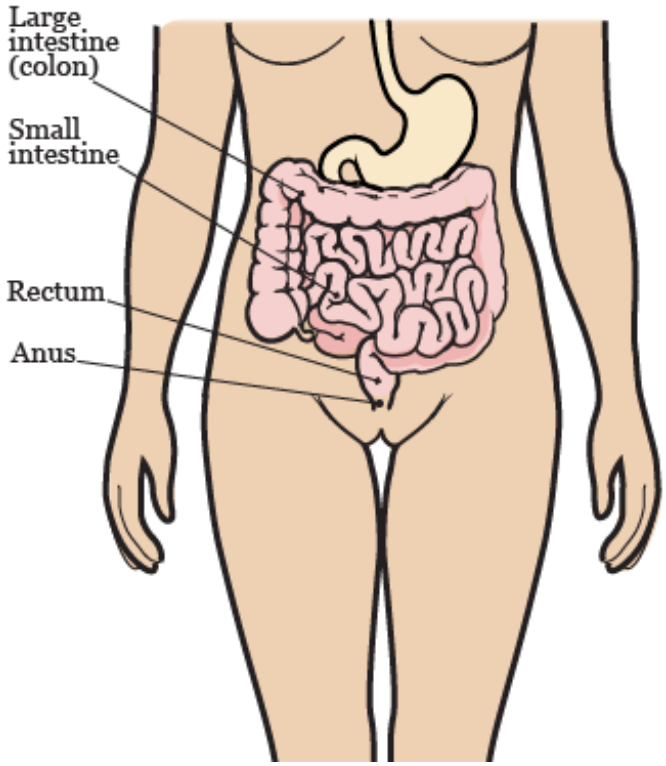

Figure 1. Your gastrointestinal system

About your gynecologic system

Your gynecologic system includes your:

- Ovaries
- Fallopian tubes
- Uterus

- Cervix
- Vagina
- Figure 2 shows the parts of your gynecologic system.

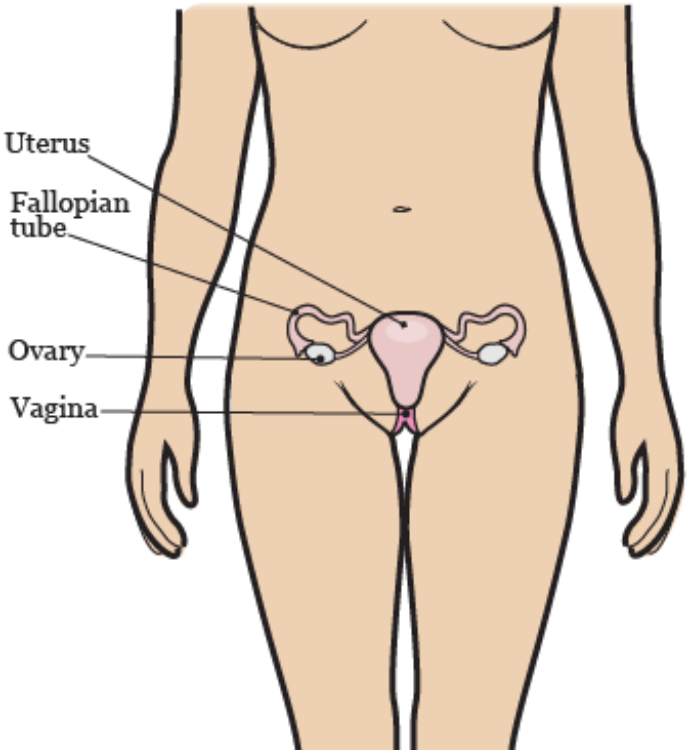

Figure 2. Your gynecologic system

During your surgery, your surgeon will remove your ovaries, fallopian tubes, uterus, and cervix. This means you won't be able to have children naturally. If you'd like information about fertility (ability to get pregnant) options and your cancer treatment, read *Fertility Preservation Before Cancer Treatment: Options for People Born with Ovaries and a Uterus* (www.mskcc.org/pe/fertility-starting-treatment).

Your surgeon may also remove all or part of your vagina during your surgery. They'll talk with you about this if it's needed.

For some people, the vagina can be reconstructed. Ask your surgeon if this is an option for you. If it is, you'll meet with a plastic surgeon to discuss this surgery. The reconstruction would be done at the end of your surgery. Your plastic surgeon will create a new vaginal canal from the muscles and skin of other areas of your body. Your nurse will tell you about how to care for your new vagina. If you don't want your vagina reconstructed, the area can be closed or covered with a flap of skin.

If your vagina isn't removed, you should be able to have vaginal intercourse (sex). If you have vaginal reconstruction, you should be able to have vaginal intercourse again when the area heals. If you don't have vaginal reconstruction,

remember that sex can include other forms of intimacy. Ask your surgeon if your clitoris will be removed and how much feeling you'll still have in your vaginal area.

Your healthcare providers will tell you what to expect after surgery. For example, sensations in your vaginal area may not be the same as they were before your surgery. Your surgeon can refer you to our Female Sexual Medicine and Women's Health Program so you can meet with a therapist and discuss your concerns.

Meeting with your healthcare team

You'll see many different healthcare providers before your surgery. Each one will describe their role in your care and answer your questions. You may see team members such as:

- Surgeons from other departments who will work with your surgeon to complete your surgery.
- A psychologist who works with people having this surgery.
- A wound, ostomy, and continence (WOC) nurse. They will meet with you to review the type of stoma you'll have and teach you how to care for it.

It may be helpful for you to write down questions as you think of them. Bring your list of questions to your appointments.

You may also be able to speak with someone who has had the surgery. Your social worker can help plan this for you.

Before your posterior pelvic exenteration

This section will help you get ready for your surgery. Read it when your surgery is scheduled. Refer to it as your surgery gets closer. It has important information about what to do to get ready.

As you read this section, write down questions to ask your healthcare provider.

Getting ready for your surgery

You and your care team will work together to get ready for your surgery. Help us keep you safe by telling us if any of these things apply to you, even if you're not sure.

- I take any prescription medicines. A prescription medicine is one you can only get with a prescription from a healthcare provider. Examples include:
  - Medicines you swallow.
  - Medicines you take as an injection (shot).
  - Medicines you inhale (breathe in).
  - Medicines you put on your skin as a patch or cream.
- I take any over-the-counter medicines, including patches and creams. An over-the-counter medicine is one you can buy without a prescription.
- I take any dietary supplements, such as herbs, vitamins, minerals, or natural or home remedies.

Always be sure your healthcare providers know all the medicines and supplements you're taking.

You may need to follow special instructions before surgery based on the medicines and supplements you take. If you do not follow those instructions, your surgery may be delayed or canceled.

- I have a pacemaker, automatic implantable cardioverter-defibrillator (AICD), or other heart device.
- I have had a problem with anesthesia (A-nes-THEE-zhuh) in the past. Anesthesia is medicine to make you sleep during a surgery or procedure.
- I'm allergic to certain medicines or materials, including latex.
- I'm not willing to receive a blood transfusion.
- I use recreational drugs, such as marijuana.

About drinking alcohol

It's important to talk with your healthcare providers about how much alcohol you drink. This will help us plan your care.

If you drink alcohol regularly, you may be at risk for problems during and after your surgery. These include bleeding, infections, heart problems, and a longer hospital stay.

If you drink alcohol regularly and stop suddenly, it can cause seizures, delirium, and death. If we know you're at risk for these problems, we can prescribe medicine to help prevent them.

Here are things you can do before your surgery to keep from having problems.

- Be honest with your healthcare providers about how much alcohol you drink.
- Try to stop drinking alcohol once your surgery is planned. Tell your healthcare provider right away if you:
  - Get a headache.
  - Feel nauseous (like you're going to throw up).
  - Feel more anxious (nervous or worried) than usual.
  - Cannot sleep.

These are early signs of alcohol withdrawal and can be treated.

- Tell your healthcare provider if you cannot stop drinking.
- Ask your healthcare provider questions about drinking and surgery. All your medical information will be kept private, as always.

About smoking

If you smoke or use an electronic smoking device, you can have breathing problems when you have surgery. Vapes and e-cigarettes are examples of electronic smoking devices. Stopping for even a few days before surgery can help prevent breathing problems during and after surgery.

Your healthcare provider will refer you to our Tobacco Treatment Program if you smoke. You can also reach the program by calling 212-610-0507.

About sleep apnea

Sleep apnea is a common breathing problem. If you have sleep apnea, you stop breathing for short lengths of time while you're asleep. The most common type is obstructive sleep apnea (OSA). With OSA, your airway becomes fully blocked during sleep.

OSA can cause serious problems during and after surgery. Tell us if you have or think you might have sleep apnea. If you use a breathing device, such as a CPAP machine, bring it on the day of your surgery.

Using MSK MyChart

MSK MyChart (mskmychart.mskcc.org) is MSK's patient portal. You can use it to send and read messages from your care team, view your test results, see your appointment dates and times, and more. You can also invite your caregiver to make their own account so they can see information about your care.

If you do not have an MSK MyChart account, you can sign up at mskmychart.mskcc.org. You can also ask a member of your care team to send you an invitation.

If you need help with your account, call the MSK MyChart Help Desk at 646-227-2593. They are available Monday through Friday between 9 a.m. and 5 p.m. (Eastern time).

About your Goals to Discharge Checklist

After your surgery, you'll focus on getting well enough to leave the hospital. We'll send a Goals to Discharge Checklist to your MSK MyChart account to help you track how you're doing.

You can use your Goals to Discharge Checklist to see the goals you need to meet before leaving the hospital. You can also update your progress throughout the day. Your updates send alerts to your surgical team about your progress.

To learn more, read *Frequently Asked Questions About the Goals to Discharge Checklist* (www.mskcc.org/pe/goals-discharge-checklist).

Within 30 days of your surgery

Presurgical testing (PST)

You'll have a PST appointment before your surgery. You'll get a reminder from your surgeon's office with the appointment date, time, and location. Visit www.msk.org/parking for parking information and directions to all MSK locations.

You can eat and take your usual medicines the day of your PST appointment.

It's helpful to bring these things to your appointment:

- A list of all the medicines you're taking, including prescription and over-the-counter medicines, patches, and creams.
- Results of any medical tests done outside of MSK in the past year, if you have them. Examples include results from a cardiac stress test, echocardiogram, or carotid doppler study.
- The names and telephone numbers of your healthcare providers.

You'll meet with an advance practice provider (APP) during your PST appointment. They work closely with MSK's anesthesiology (A-nes-THEE-zee-AH-loh-jee) staff. These are doctors with special training in using anesthesia during a surgery or procedure.

Your APP will review your medical and surgical history with you. You may have tests to plan your care, such as:

- An electrocardiogram (EKG) to check your heart rhythm.
- A chest X-ray.
- Blood tests.

Your APP may recommend you see other healthcare providers. They'll also talk with you about which medicine(s) to take the morning of your surgery.

Identify your caregiver

Your caregiver has an important role in your care. Before your surgery, you and your caregiver will learn about your surgery from your healthcare providers. After your surgery, your caregiver will take you home when you're discharged. They'll also help you care for yourself at home.

For caregivers

Caring for a person going through cancer treatment comes with many responsibilities. We offer resources and support to help you manage them. Visit www.msk.org/caregivers or read *A Guide for Caregivers* (www.mskcc.org/pe/guide-caregivers) to learn more.

Fill out a Health Care Proxy form

If you have not already filled out a Health Care Proxy form, we recommend you do now. If you already filled one out or have any other advance directives, bring them to your next appointment.

A health care proxy is a legal document. It says who will speak for you if you cannot communicate for yourself. This person is called your health care agent.

- To learn about health care proxies and other advance directives, read *Advance Care Planning for People With Cancer and Their Loved Ones* (www.mskcc.org/pe/advance_care_planning).
- To learn about being a health care agent, read *How to Be a Health Care Agent* (www.mskcc.org/pe/health_care_agent).

Talk with a member of your care team if you have questions about filling out a Health Care Proxy form.

Do breathing and coughing exercises

Practice taking deep breaths and coughing before your surgery. Your healthcare provider will give you an incentive spirometer to help expand your lungs. To learn more, read *How To Use Your Incentive Spirometer* (www.mskcc.org/pe/incentive_spirometer).

Buy a 4% chlorhexidine gluconate (CHG) solution antiseptic skin cleanser, such as Hibiclens®

4% CHG solution is a skin cleanser that kills germs for 24 hours after you use it. Showering with it before your surgery will help lower your risk of infection after surgery. You can buy a 4% CHG solution antiseptic skin cleanser at your local pharmacy without a prescription.

Buy bowel preparation supplies, if needed

Your healthcare provider may tell you to do a bowel preparation (clear the stool from your body) before your surgery. If they do, they'll tell you what to do. You'll need to buy the following supplies:

- 1 (238-gram) bottle of polyethylene glycol (MiraLAX®). You can buy this at your local pharmacy. You don't need a prescription.
- 1 (64-ounce) bottle of a clear liquid. For examples of clear liquids, read the section "Follow a clear liquid diet, if needed."
- Extra clear liquids to drink while you're following a clear liquid diet, if needed.

Your healthcare provider will give you a prescription for antibiotics to take as part of your bowel preparation. Be sure to also pick these up.

7 days before your surgery

Follow your healthcare provider's instructions for taking aspirin

Aspirin can cause bleeding. If you take aspirin or a medicine that has aspirin, you may need to change your dose or stop taking it 7 days before your surgery. Follow your healthcare provider's instructions. **Do not stop taking aspirin unless they tell you to.**

To learn more, read *How To Check if a Medicine or Supplement Has Aspirin, Other NSAIDs, Vitamin E, or Fish Oil* (www.mskcc.org/pe/check-med-supplement).

Stop taking vitamin E, multivitamins, herbal remedies, and other dietary supplements

Vitamin E, multivitamins, herbal remedies, and other dietary supplements can cause bleeding. Stop taking them 7 days before your surgery. If your healthcare provider gives you other instructions, follow those instead.

To learn more, read *Herbal Remedies and Cancer Treatment* (www.mskcc.org/pe/herbal-remedies).

2 days before your surgery

Stop taking nonsteroidal anti-inflammatory drugs (NSAIDs)

NSAIDs, such as ibuprofen (Advil® and Motrin®) and naproxen (Aleve®), can cause bleeding. Stop taking them 2 days before your surgery. If your healthcare provider gives you other instructions, follow those instead.

To learn more, read *How To Check if a Medicine or Supplement Has Aspirin, Other NSAIDs, Vitamin E, or Fish Oil* (www.mskcc.org/pe/check-med-supplement).

1 day before your surgery

Follow a clear liquid diet, if needed

Your healthcare provider will tell you if you need to follow a clear liquid diet the day before your surgery. A clear liquid diet includes only liquids you can see through. You can find examples in the “Clear liquid diet” table.

While you’re following a clear liquid diet:

- Do not eat any solid foods.
- Try to drink at least 1 (8-ounce) cup of clear liquid every hour you’re awake.
- Drink different types of clear liquids. Do not just drink water, coffee, and tea.
- Do not drink any liquids you can’t see through, such as milk or smoothies.
- Do not drink sugar-free liquids unless you have diabetes and a member of

your care team tells you to.

How to follow a clear liquid diet if you have diabetes

Ask the healthcare provider who manages your diabetes:

- What to do while you're following a clear liquid diet.
- If you need to change your dose of insulin or other diabetes medicines, if you take them.
- If you should drink sugar-free clear liquids.

Check your blood sugar level often while you're following a clear liquid diet. If you have questions, talk with your healthcare provider.

Clear liquid diet		
	OK to have	Do not have
Soups	• Clear broth, bouillon, and consommé.	• Anything with pieces of food or seasoning.
Sweets	• Gelatin, such as Jell-O®. • Flavored ices. • Hard candies, such as Life Savers®, lemon drops, and peppermints.	• All other sweets.
Drinks	• Clear fruit juices, such as lemonade, apple, cranberry, and grape juices. • Soda, such as ginger ale, 7UP®, Sprite®, and seltzer. • Sports drinks, such as Gatorade® and Powerade®. • Black coffee or plain tea without milk or creamer. • Water, including carbonated (fizzy) and flavored water. • Clear nutritional drinks, such as Boost® Breeze, Ensure Clear™, Pedialyte®, and Diabetishield®.	• Juices with pulp. • Nectars. • Smoothies or shakes. • Milk, cream, and other dairy products. • Nut milks, plant milks, non-dairy creamers, and other dairy alternatives. • Drinks with alcohol.

Start your bowel preparation, if needed

Your healthcare provider will tell you if you need to do a bowel preparation the day before your surgery. If you do, follow the instructions below.

The morning of the day before your surgery, mix all 238 grams of MiraLAX with 64 ounces of clear liquid until the MiraLAX powder dissolves. Once the powder is dissolved, you can put the mixture in the refrigerator if you want to.

At 5 p.m. on the day before your surgery, start drinking the MiraLAX mixture. It will cause frequent bowel movements, so make sure you're near a bathroom.

- Drink 1 (8-ounce) glass of the mixture every 15 minutes until it's gone.
- When you finish the MiraLAX mixture, drink 4 to 6 glasses of clear liquids. You can keep drinking clear liquids until midnight, but you don't have to.
- Apply zinc oxide ointment or Desitin® to the skin around your anus after every bowel movement. This helps prevent irritation.

At 7:00 p.m. on the day before your surgery, take your antibiotics as instructed.

At 11:00 p.m. on the day before your surgery, take your antibiotics as instructed.

Note the time of your surgery

A staff member will call you after 2 p.m. the day before your surgery. If your surgery is scheduled for a Monday, they'll call you the Friday before. If you do not get a call by 7 p.m., call 212-639-5014.

The staff member will tell you what time to get to the hospital for your surgery. They'll also remind you where to go.

This will be:

The Presurgical Center (PSC) at Memorial Hospital
1275 York Ave. (between East 67th and East 68th streets)
New York, NY 10065
Take the B elevator to the 6th floor.

Visit www.msk.org/parking for parking information and directions to all MSK locations.

Shower with a 4% CHG solution antiseptic skin cleanser, such as Hibiclens

Shower with a 4% CHG solution antiseptic skin cleanser before you go to bed the night before your surgery.

1. Wash your hair with your usual shampoo and conditioner. Rinse your head well.
2. Wash your face and genital (groin) area with your usual soap. Rinse your body well with warm water.
3. Open the 4% CHG solution bottle. Pour some into your hand or a clean washcloth.
4. Move away from the shower stream. Rub the 4% CHG solution gently over your body from your neck to your feet. Do not put it on your face or genital area.
5. Move back into the shower stream to rinse off the 4% CHG solution. Use warm water.
6. Dry yourself off with a clean towel.

Do not put on any lotion, cream, deodorant, makeup, powder, perfume, or cologne after your shower.

Instructions for eating

Important: If you take a GLP-1 medicine for weight loss, do not follow these instructions. Follow the instructions in *Eating and Drinking Before Your Surgery or Procedure When Taking GLP-1 Medicines* (www.mskcc.org/pe/eat-drink-glp1) instead.

Stop eating at midnight (12 a.m.) the night before your surgery or procedure. This includes hard candy and gum.

Your healthcare provider may have given you different instructions for when to stop eating. If so, follow their instructions. Some people need to fast (not eat) for longer before their surgery or procedure.

The morning of your surgery

Instructions for drinking

> **Important:** If you take a GLP-1 medicine for weight loss, do not follow these instructions. Follow the instructions in *Eating and Drinking Before Your Surgery or Procedure When Taking GLP-1 Medicines* (www.mskcc.org/pe/eat-drink-glp1) instead.

Between midnight (12 a.m.) and 2 hours before your arrival time, only drink the liquids on the list below. Do not eat or drink anything else. Stop drinking 2 hours before your arrival time.

- Water.
- Clear apple juice, clear grape juice, or clear cranberry juice.
- Gatorade or Powerade.
- Black coffee or plain tea. It's OK to add sugar. Do not add anything else.
  - Do not add any amount of any type of milk or creamer. This includes plant-based milks and creamers.
  - Do not add honey.
  - Do not add flavored syrup.

If you have diabetes, pay attention to the amount of sugar in your drinks. It will be easier to control your blood sugar levels if you include sugar-free, low-sugar, or no added sugar versions of these drinks.

It's helpful to stay hydrated before surgeries and procedures, so drink if you are thirsty. Do not drink more than you need. You will get intravenous (IV) fluids during your surgery or procedure.

Stop drinking 2 hours before your arrival time. This includes water.

Your healthcare provider may have given you different instructions for when to stop drinking. If so, follow their instructions.

Take your medicines as instructed

A member of your care team will tell you which medicines to take the morning of your surgery. Take only those medicines with a sip of water. Depending on what you usually take, this may be all, some, or none of your usual morning medicines.

Shower with a 4% CHG solution antiseptic skin cleanser, such as Hibiclens

Shower with a 4% CHG solution antiseptic skin cleanser before you leave for the hospital. Use it the same way you did the night before.

Do not put on any lotion, cream, deodorant, makeup, powder, perfume, or cologne after your shower.

Things to remember

- Wear something comfortable and loose-fitting.
- If you wear contact lenses, wear your glasses instead. Wearing contact lenses during surgery can damage your eyes.
- Do not wear any metal objects. Take off all jewelry, including body piercings. The tools used during your surgery can cause burns if they touch metal.
- Leave valuable items at home.

- If you're menstruating (have your monthly period), use a sanitary pad, not a tampon. We'll give you disposable underwear and a pad if you need them.

What to bring

- Your breathing device for sleep apnea (such as your CPAP machine), if you have one.
- Your incentive spirometer, if you have one.
- Your Health Care Proxy form and other advance directives, if you filled them out.
- Your cell phone and charger.
- Only the money you may want for small purchases, such as a newspaper.
- A case for your personal items, if you have any. Eyeglasses, hearing aids, dentures, prosthetic devices, wigs, and religious articles are examples of personal items.
- This guide. You'll use it to learn how to care for yourself after surgery.

Once you're in the hospital

When you get to the hospital, take the B elevator to the 6th floor. Check in at the desk in the PSC waiting room.

Many staff members will ask you to say and spell your name and birth date. This is for your safety. People with the same or a similar name may be having surgery on the same day.

We'll give you a hospital gown, robe, and nonskid socks to wear when it's time to change for surgery.

For caregivers, family, and friends

Read *Information for Family and Friends for the Day of Surgery* (www.mskcc.org/pe/info-family-friends) to help you know what to expect on the day of your loved one's surgery.

Meet with a nurse

You'll meet with a nurse before surgery. Tell them the dose of any medicines you took after midnight (12 a.m.) and the time you took them. Make sure to include prescription and over-the-counter medicines, patches, and creams.

Your nurse may place an intravenous (IV) line in one of your veins, usually in your arm or hand. If your nurse does not place the IV, your anesthesiologist (A-nes-THEE-zee-AH-loh-jist) will do it in the operating room.

Meet with an anesthesiologist

You'll also meet with an anesthesiologist before surgery. They will:

- Review your medical history with you.
- Ask if you've had any problems with anesthesia in the past. This includes nausea (feeling like you're going to throw up) or pain.
- Talk with you about your comfort and safety during your surgery.
- Talk with you about the kind of anesthesia you'll get.
- Answer questions you have about anesthesia.

Your doctor or anesthesiologist may also talk with you about placing an epidural catheter (thin, flexible tube) in your spine (back). An epidural catheter is another way to give you pain medicine after your surgery.

Get ready for surgery

When it's time for your surgery, you'll take off your eyeglasses, hearing aids, dentures, prosthetic devices, wig, and religious articles.

You'll either walk into the operating room or a staff member will bring you there on a stretcher. A member of the operating room team will help you onto the

operating bed. They'll put compression boots on your lower legs. These gently inflate and deflate to help blood flow in your legs.

Once you're comfortable, your anesthesiologist will give you anesthesia through your IV line and you'll fall asleep. You'll also get fluids through your IV line during and after your surgery.

During your surgery

After you're fully asleep, your care team will place a breathing tube through your mouth into your airway. It will help you breathe. They'll also place a urinary (Foley) catheter in your bladder. It will drain your urine (pee) during your surgery.

Your surgeon will close your incisions with staples or stitches once they finish your surgery. They may also place Steri-Strips™ (thin pieces of surgical tape) or Dermabond® (surgical glue) over your incisions. They'll cover your incisions with a bandage.

Your care team will usually take out your breathing tube while you're still in the operating room.

After your posterior pelvic exenteration

This section will help you know what to expect after your surgery. You'll learn how to safely recover from your surgery both in the hospital and at home.

As you read this section, write down questions to ask your healthcare provider.

In the Post-Anesthesia Care Unit (PACU)

You'll be in the PACU when you wake up after your surgery. A nurse will be keeping track of your temperature, pulse, blood pressure, and oxygen levels. You may get oxygen through a tube resting below your nose or a mask over your nose and mouth. You'll also have compression boots on your lower legs.

Pain medicine

You'll get epidural or IV pain medicine while you're in the PACU.

- If you're getting epidural pain medicine, it will be put into your epidural space through your epidural catheter. Your epidural space is the space in your spine just outside your spinal cord.
- If you're getting IV pain medicine, it will be put into your bloodstream through your IV line.

You'll be able to control your pain medicine using a button called a patient-controlled analgesia (PCA) device. Read *Patient-Controlled Analgesia (PCA)* (www.mskcc.org/pe/pca) to learn more.

Tubes and drains

You'll have many tubes, drains, pouches, and bandages on your abdomen (see Figure 3). They may include:

- One or 2 Jackson-Pratt (JP) drains to drain fluid from around your incisions. They'll be taken out when the incisions stop draining.
- A colostomy pouch on your stoma to collect stool.
- An IV line to give you fluids.
- Compression boots on your calves to help your blood flow. You'll wear these whenever you're in bed.

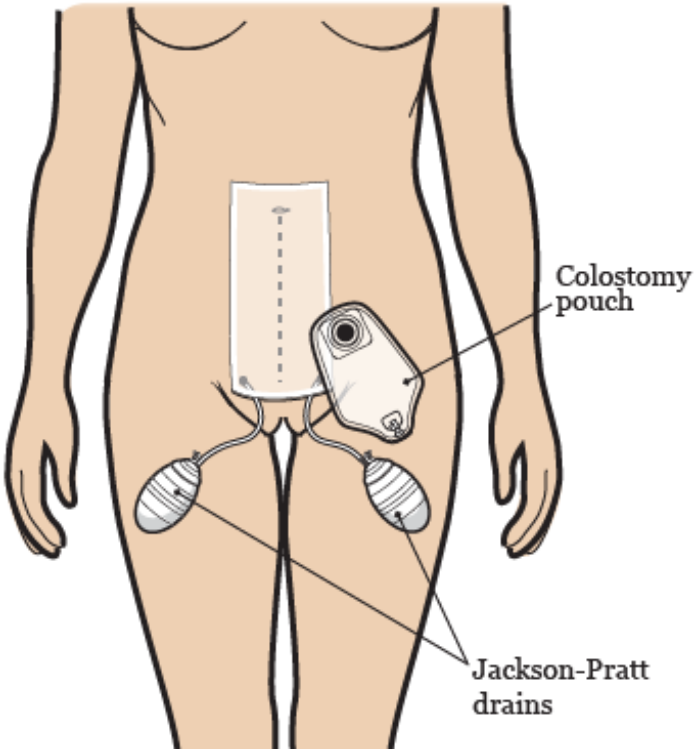

Figure 3. Drains, pouches, and bandages after your surgery

If your vagina was reconstructed, you'll also have bandages and drains on your upper inside thighs.

Your abdomen will get more swollen over the next few days after your surgery.

After that, the swelling will go down.

Moving to your hospital room

You may stay in the PACU for a few hours or overnight. How long you stay depends on the type of surgery you had. A staff member will bring you to your hospital room after your stay in the PACU.

In your hospital room

The length of time you're in the hospital after your surgery depends on your recovery. Most people stay in the hospital for 4 to 7 days.

In your hospital room, you'll meet one of the nurses who will care for you during your stay. A nurse will help you out of bed and into your chair soon after you get there.

Your care team will teach you how to care for yourself while you're healing from your surgery.

You will not be able to sit for 6 to 8 weeks after your surgery. You can lie on your back or side or stand. Your nurse will help you with this.

Managing your pain

You may have pain at your incision sites and your abdomen after your surgery.

- If you have an epidural catheter, you'll get pain medicine into your epidural space. You'll be able to control your medicine using a PCA device.
- If you don't have an epidural catheter, you'll get pain medicine in your IV line.
- Once you're able to eat normal food, you'll get oral pain medicine (pain medicine you swallow).

Your healthcare providers will ask you about your pain often and give you medicine as needed. If your pain is not relieved, tell one of your healthcare providers. It's important to control your pain so you can use your incentive spirometer and move around. Controlling your pain will help you recover

better.

You'll get a prescription for pain medicine before you leave the hospital. Talk with your healthcare provider about possible side effects. Ask them when to start switching to over-the-counter pain medicine.

Moving around and walking

Moving around and walking will help lower your risk for blood clots and pneumonia (lung infection). It will also help you start passing gas and having bowel movements (pooping) again. Your nurse, physical therapist, or occupational therapist will help you move around, if needed.

To learn more about how walking can help you recover, read *Frequently Asked Questions About Walking After Your Surgery* (www.mskcc.org/pe/walking-after-surgery).

To learn what you can do to stay safe and keep from falling while you're in the hospital, read *Call! Don't Fall!* (www.mskcc.org/pe/call-dont-fall).

Exercising your lungs

It's important to exercise your lungs so they expand fully. This helps prevent pneumonia.

- Use your incentive spirometer 10 times every hour you're awake. Read *How To Use Your Incentive Spirometer* (www.mskcc.org/pe/incentive_spirometer) to learn more.
- Do coughing and deep breathing exercises. A member of your care team will teach you how.

Eating and drinking

You'll follow a liquid diet for 1 to 2 days after your surgery. After that, you can start eating your normal foods again, as tolerated.

When you're able to eat normal foods again, it's important to eat a balanced diet high in protein to help you heal after surgery. Your diet should include a healthy protein source at each meal, as well as fruits, vegetables, and whole

grains.

For more tips on increasing the calories and protein in your diet, read *Eating Well During Your Cancer Treatment* (www.mskcc.org/pe/eating-cancer-treatment).

If you have questions about your diet, ask to see a clinical dietitian nutritionist.

Caring for your drains and incisions

You'll likely have some bleeding from most of your incisions or around your drains. You may also have some discharge and tenderness around your incisions and drains for a few days. Your nurses will show and tell you what's normal and expected as they care for you. You'll also start to learn how to care for your stoma and incisions.

Some of the tubes and drains may be removed before you're discharged from the hospital. If you go home with any drains, your nurses will teach you how to care for them.

Showering

You can shower while you're in the hospital. Your healthcare provider will tell you when it's OK to start. Wash your incisions with a 4% CHG solution antiseptic skin cleanser such as Hibiclens until your staples are removed.

Planning for discharge

Before you go home, one of your healthcare providers will give you the supplies you need to care for yourself for the first month. After that, you can order your supplies from an outside source.

Your discharge nurse case manager will arrange to have a visiting nurse see you at home. The visiting nurse will help you care for your drains and stoma.

You may still have drains in when you go home. Ask your healthcare provider when they'll be removed. Your visiting nurse will help you while you're learning to care for your incisions and urinary diversion.

You'll get a prescription for pain medication. Take your medication as

instructed by your doctor and as you need it. Don't drive or drink alcohol while you're taking prescription pain medication.

Read the resource *Gynecology Service: What You Should Know About Going Home* (www.mskcc.org/pe/gyn-going-home) to learn more about getting ready for your discharge.

Leaving the hospital

By the time you're ready to leave the hospital, your incisions will have started to heal. Before you leave, look at your incisions with one of your healthcare providers. Knowing what they look like will help you notice any changes later.

On the day of your discharge, plan to leave the hospital around 11 a.m. Your healthcare provider will write your discharge order and prescriptions before you leave. You'll also get written discharge instructions. One of your healthcare providers will review them with you before you leave.

If your ride isn't at the hospital when you're ready to be discharged, you may be able to wait in the Patient Transition Lounge. A member of your healthcare team will give you more information.

At home

Read *What You Can Do to Avoid Falling* (www.mskcc.org/pe/avoid-falling) to learn what you can do to keep from falling at home and during your appointments at MSK.

Filling out your Recovery Tracker

We want to know how you're feeling after you leave the hospital. To help us care for you, we'll send questions to your MSK MyChart account. We'll send them every day for 10 days after you're discharged. These questions are known as your Recovery Tracker.

Fill out your Recovery Tracker every day before midnight (12 a.m.). It only takes 2 to 3 minutes to complete. Your answers to these questions will help us understand how you're feeling and what you need.

Based on your answers, we may reach out to you for more information.

Sometimes, we may ask you to call your surgeon's office. You can always contact your surgeon's office if you have any questions.

To learn more, read *Common Questions About MSK's Recovery Tracker* (www.mskcc.org/pe/recovery-tracker).

Managing your pain

People have pain or discomfort for different lengths of time. You may still have some pain when you go home and will probably be taking pain medicine. Some people have soreness, tightness, or muscle aches around their incision for 6 months or longer. This doesn't mean something is wrong.

Follow these guidelines to help manage your pain at home.

- Take your medicines as directed and as needed.
- Call your healthcare provider if the medicine prescribed for you does not help your pain.
- Do not drive or drink alcohol while you're taking prescription pain medicine. Some prescription pain medicines can make you drowsy (very sleepy). Alcohol can make the drowsiness worse.
- You'll have less pain and need less pain medicine as your incision heals. An over-the-counter pain reliever will help with aches and discomfort. Acetaminophen (Tylenol®) and ibuprofen (Advil or Motrin) are examples of over-the-counter pain relievers.
    - Follow your healthcare provider's instructions for stopping your prescription pain medicine.
    - Do not take too much of any medicine. Follow the instructions on the label or from your healthcare provider.
    - Read the labels on all the medicines you're taking. This is very important if you're taking acetaminophen. Acetaminophen is an ingredient in many over-the-counter and prescription medicines. Taking too much can harm your liver. Do not take more than one medicine that has acetaminophen without talking with a member of your care team.

- Pain medicine should help you get back to your usual activities. Take enough to do your activities and exercises comfortably. You may have a little more pain as you start to be more active.
- Keep track of when you take your pain medicine. It works best 30 to 45 minutes after you take it. Taking it when you first have pain is better than waiting for the pain to get worse.

Some prescription pain medicines, such as opioids, may cause constipation. Constipation is when you poop less often than usual, have a harder time pooping, or both.

Preventing and managing constipation

Talk with your healthcare provider about how to prevent and manage constipation. You can also follow these guidelines.

- Go to the bathroom at the same time every day. Your body will get used to going at that time. But if you feel like you need to go, don't put it off.
- Try to use the bathroom 5 to 15 minutes after meals. After breakfast is a good time to go. That's when the reflexes in your colon are strongest.
- Exercise, if you can. Walking is a great type of exercise that can help prevent and manage constipation.
- Drink 8 to 10 (8-ounce) cups (2 liters) of liquids daily, if you can. Choose water, juices (such as prune juice), soups, and milkshakes. Limit liquids with caffeine, such as coffee and soda. Caffeine can pull fluid out of your body.
- Slowly increase the fiber in your diet to 25 to 35 grams per day. Unpeeled fruits and vegetables, whole grains, and cereals contain fiber. If you have an ostomy or recently had bowel surgery, ask your healthcare provider before changing your diet.
- Both over-the-counter and prescription medicines can treat constipation. Ask your healthcare provider before taking any medicine for constipation. This is very important if you have an ostomy or have had bowel surgery. Follow the instructions on the label or from your healthcare provider. Examples of over-the-counter medicines for constipation are:

- Docusate sodium (Colace®). This is a stool softener (medicine that makes your bowel movements softer) that causes few side effects. You can use it to help prevent constipation. Do not take it with mineral oil.
- Polyethylene glycol (MiraLAX®). This is a laxative (medicine that causes bowel movements) that causes few side effects. Take it with 8 ounces (1 cup) of a liquid. Only take it if you're already constipated.
- Senna (Senokot®). This is a stimulant laxative, which can cause cramping. It's best to take it at bedtime. Only take it if you're already constipated.

If any of these medicines cause diarrhea (loose, watery bowel movements), stop taking them. You can start again if you need to.

Caring for your incision

Take a shower every day to clean your incision. Follow the instructions in the "Showering" section below.

It's common for the skin below your incision to feel numb. This happens because some of your nerves were cut during your surgery. The numbness will go away over time.

Call your healthcare provider's office if:

- The skin around your incision is very red or getting more red.
- You see drainage that looks like pus (thick and milky).
- Your incision smells bad.

If you go home with staples in your incision, your healthcare provider will take them out during your first appointment after surgery. It's OK to get them wet.

Caring for your colostomy

Your nurse will teach you how to care for your colostomy before you leave the hospital. Read *Caring for Your Ileostomy or Colostomy* (www.mskcc.org/pe/caring_ileostomy_colostomy) to learn more.

If you have any issues, questions, or concerns, call to your surgeon's office to

speak with a WOC nurse.

Showering

Take a shower every day to clean your incision. If you have staples in your incision, it's OK to get them wet.

Take your bandage(s) off before you shower. Use soap during your shower, but don't put it directly on your incision. Don't rub the area around your incision.

After you shower, pat the area dry with a clean towel. If your clothing may rub your incision, cover it with a small bandage. Otherwise, leave it uncovered.

Do not take a bath for the first 4 weeks after your surgery.

Eating and drinking

You can eat all the foods you did before your surgery unless your healthcare provider gives you other instructions. Eating a balanced diet with lots of calories and protein will help you heal after surgery. Try to eat a good protein source (such as meat, fish, or eggs) at each meal. You should also try to eat fruits, vegetables, and whole grains.

It's also important to drink plenty of liquids. Try to drink 8 to 10 (8-ounce) cups of liquids every day. Choose liquids without alcohol. Limit liquids with caffeine. For more tips on eating and drinking after surgery, read *Eating Well During Your Cancer Treatment* (www.mskcc.org/pe/eating-cancer-treatment).

If you have questions about your diet, ask to see a clinical dietitian nutritionist.

Physical activity and exercise

Your incision may look like it's healed on the outside when you leave the hospital. It will not be healed on the inside. For the first 6 to 8 weeks after your surgery:

- Do not lift anything heavier than 10 pounds (4.5 kilograms).
- Do not do any high-energy activities, such as jogging and tennis.
- Do not play any contact sports, such as football.

Talk with your healthcare provider before you start doing strenuous exercise or lifting heavy objects.

Doing physical activity, such as walking and stair climbing, will help you gain strength and feel better. Try to get 20 to 30 minutes of physical activity at least 2 to 3 times a day. For example, you can walk outside or indoors at your local mall or shopping center.

It's common to have less energy than usual after surgery. Recovery time is different for everyone. Do more activity each day as much as you can. Always balance activity periods with rest periods. Rest is an important part of your recovery.

Sexual activity

If you have a vagina or a reconstructed vagina do not put anything inside it until your first appointment after surgery. Do not have vaginal intercourse until your first appointment after surgery. At this appointment, your healthcare provider will tell you when you can start having vaginal intercourse again.

If your healthcare provider told you it's OK have vaginal intercourse but you feel pain during vaginal intercourse, call them. They can refer you to physical therapy for an evaluation.

Driving

Your healthcare provider will tell you when you can start driving again. Do not drive while you're taking pain medicine that may make you drowsy. You can ride in a car as a passenger at any time after you leave the hospital.

Going back to work

Talk with your healthcare provider about your job. They'll tell you when it may be safe for you to start working again based on what you do. If you move around a lot or lift heavy objects, you may need to stay out a little longer. If you sit at a desk, you may be able to go back sooner.

Most people can go back to work about 8 weeks after surgery.

Traveling

Do not travel for 2 weeks after your surgery. After 2 weeks, talk with your healthcare provider about when you can start traveling again.

Managing your feelings

You may have new and upsetting feelings after a surgery for a serious illness. Many people say they felt weepy, sad, worried, nervous, irritable, or angry at one time or another. You may find that you cannot control some of these feelings. If this happens, it's a good idea to seek emotional support. Your healthcare provider can refer you to MSK's Counseling Center. You can also reach them by calling 646-888-0200.

The first step in coping is to talk about how you feel. Family and friends can help. We can also reassure, support, and guide you. It's always a good idea to let us know how you, your family, and your friends are feeling emotionally. Many resources are available to you and your family. We're here to help you and your family and friends handle the emotional aspects of your illness. We can help no matter if you're in the hospital or at home.

This surgery will change your body, and it will probably take time for you to get used to these changes. You may feel scared, angry, or worried. You may have questions or fears about how this surgery will impact your sexuality. These feelings are normal, and many people feel the same way.

Everyone gets used to these changes in their own way. For some people, it can take a few months to get used to their changed body image. For other people, it can take longer

You'll get stronger as time goes on. You'll be more confident in caring for your incisions and pouch. Your appetite and energy will get better. And eventually you'll be able to start doing most of your usual activities again.

We have many resources to help you. Your healthcare providers will answer your questions. We also have social workers, psychologists, psychiatrists, and WOC nurses who have helped many people through this change. You can have one-on-one counseling, or you can join one of our online or in-person support

groups.

We also have clergy available for spiritual support. You may be able to meet with other people who have had this surgery, and who can talk with you and answer your questions. Talk with your healthcare provider to learn more.

To address issues with sexual health and intimacy, you can see someone from our Female Sexual Medicine & Women's Health Program. For more information or to set up an appointment, call 646- 888-5076.

When to call your healthcare provider

Call your healthcare provider if:

- You have a fever of 100.5 °F (38 °C) or higher.
- You have chills.
- You have trouble breathing.
- The skin around your incision is very red or getting more red.
- The skin around your incision is warmer than usual.
- The area around your incision is starting to swell or getting more swollen.
- You have discharge coming from your incision.
- Your incision smells bad.
- You have pain that doesn't get better with pain medicine.
- You have vaginal bleeding or vaginal discharge that smells bad.
- You feel burning when you pass stool.
- You can't pass stool into your stoma or pouch.
- You have any problems you didn't expect.
- You have any questions or concerns.

Contact information

If you have questions or concerns, contact your healthcare provider. A member of your care team will answer Monday through Friday from 9 a.m. to 5 p.m. Outside those hours, you can leave a message or talk with another MSK provider. There is always a doctor or nurse on call.

If you're not sure how to reach your healthcare provider, call 212-639-2000.

Support services

This section has a list of support services. They may help you as you get ready for your surgery and recover after your surgery.

As you read this section, write down questions to ask your healthcare provider.

Gynecologic surgery support services

United Ostomy Associations of America, Inc (UOAA)
800-826-0826
www.ostomy.org
Volunteer group who supports people who have or will have an ostomy and provides educational resources.

Women's Cancer Network: Gynecological Cancer Foundation (GCF)
312-578-1439
www.foundationforwomenscancer.org
Nonprofit organization that provides education and supports research on gynecologic cancers.

Wound, Ostomy, Continence Nurses Society
888-224-WOCN (9626)
www.wocn.org
Provides patient resource from nursing members who have special training in the care of people with wounds, ostomies, and continence problems.

MSK support services

Admitting Office
212-639-7606
Call if you have questions about your hospital admission, such as asking for a private room.

Anesthesia
212-639-6840
Call if you have questions about anesthesia.

Blood Donor Room
212-639-7643
Call for information if you're interested in donating blood or platelets.

Bobst International Center
www.msk.org/international
888-675-7722
We welcome patients from around the world and offer many services to help. If you're an international patient, call for help arranging your care.

Counseling Center
www.msk.org/counseling
646-888-0200
Many people find that counseling helps them. Our Counseling Center offers counseling for individuals, couples, families, and groups. We can also prescribe medicine to help if you feel anxious or depressed. Ask a member of your care team for a referral or call the number above to make an appointment.

Food Pantry Program
646-888-8055
We give food to people in need during their cancer treatment. Talk with a member of your care team or call the number above to learn more.

Integrative Medicine and Wellness Service
www.msk.org/integrativemedicine
Our Integrative Medicine and Wellness Service offers many services to

complement (go along with) traditional medical care. For example, we offer music therapy, mind/body therapies, dance and movement therapy, yoga, and touch therapy. Call 646-449-1010 to make an appointment for these services.

You can also schedule a consultation with a healthcare provider in the Integrative Medicine and Wellness Service. They'll work with you to make a plan for creating a healthy lifestyle and managing side effects. Call 646-608-8550 to make an appointment for a consultation.

MSK Library
library.mskcc.org
You can visit our library website or email asklibrarian@mskcc.org to talk with the library reference staff. They can help you find more information about a type of cancer. You can also visit the library's Patient Education Resource Guide.

Nutrition Services
www.msk.org/nutrition
212-639-7312
Our Nutrition Service offers nutritional counseling with one of our clinical dietitian nutritionists. Your clinical dietitian nutritionist will talk with you about your eating habits. They can also give advice on what to eat during and after treatment. Ask a member of your care team for a referral or call the number above to make an appointment.

Patient and Community Education
www.msk.org/pe
Visit our patient and community education website to search for educational resources, videos, and online programs.

Patient Billing
646-227-3378
Call if you have questions about preauthorization with your insurance company. This is also called preapproval.

Patient Representative Office
212-639-7202

Call if you have questions about the Health Care Proxy form or concerns about your care.

Perioperative Nurse Liaison
212-639-5935
Call if you have questions about MSK releasing any information while you're having surgery.

Private Duty Nurses and Companions
646-357-9272
You can request private nurses or companions to care for you in the hospital and at home. Call to learn more.

Rehabilitation Services
www.msk.org/rehabilitation
Cancers and cancer treatments can make your body feel weak, stiff, or tight. Some can cause lymphedema (swelling). Our physiatrists (rehabilitation medicine doctors), occupational therapists (OTs), and physical therapists (PTs) can help you get back to your usual activities.

- **Rehabilitation medicine doctors** diagnose and treat problems that affect how you move and do activities. They can design and help coordinate your rehabilitation therapy program, either at MSK or somewhere closer to home. Call Rehabilitation Medicine (Physiatry) at 646-888-1929 to learn more.
- An **OT** can help if you're having trouble doing usual daily activities. For example, they can recommend tools to help make daily tasks easier. A **PT** can teach you exercises to help build strength and flexibility. Call Rehabilitation Therapy at 646-888-1900 to learn more.

Resources for Life After Cancer (RLAC) Program
646-888-8106
At MSK, care does not end after your treatment. The RLAC Program is for patients and their families who have finished treatment.

This program has many services. We offer seminars, workshops, support groups, and counseling on life after treatment. We can also help with insurance

and employment issues.

Sexual Health Programs

Cancer and cancer treatments can affect your sexual health, fertility, or both. MSK's sexual health programs can help you before, during, or after your treatment.

- Our Female Sexual Medicine and Women's Health Program can help with sexual health problems such as premature menopause or fertility issues. Ask a member of your MSK care team for a referral or call 646-888-5076 to learn more.
- Our Male Sexual and Reproductive Medicine Program can help with sexual health problems such as erectile dysfunction (ED). Ask a member of your care team for a referral or call 646-888-6024 to learn more.

Social Work

www.msk.org/socialwork
212-639-7020
Social workers help patients, families, and friends deal with common issues for people who have cancer. They provide individual counseling and support groups throughout your treatment. They can help you communicate with children and other family members.

Our social workers can also help refer you to community agencies and programs. If you're having trouble paying your bills, they also have information about financial resources. Call the number above to learn more.

Spiritual Care

212-639-5982
Our chaplains (spiritual counselors) are available to listen, help support family members, and pray. They can contact community clergy or faith groups, or simply be a comforting companion and a spiritual presence. Anyone can ask for spiritual support. You do not have to have a religious affiliation (connection to a religion).

MSK's interfaith chapel is located near Memorial Hospital's main lobby. It's open

24 hours a day. If you have an emergency, call 212-639-2000. Ask for the chaplain on call.

Tobacco Treatment Program
www.msk.org/tobacco
212-610-0507
If you want to quit smoking, MSK has specialists who can help. Call to learn more.

Virtual Programs
www.msk.org/vp
We offer online education and support for patients and caregivers. These are live sessions where you can talk or just listen. You can learn about your diagnosis, what to expect during treatment, and how to prepare for your cancer care.

Sessions are private, free, and led by experts. Visit our website to learn more about Virtual Programs or to register.

External support services

Access-A-Ride
web.mta.info/nyct/paratran/guide.htm
877-337-2017
In New York City, the MTA offers a shared ride, door-to-door service for people with disabilities who can't take the public bus or subway.

Air Charity Network
www.aircharitynetwork.org
877-621-7177
Provides travel to treatment centers.

American Cancer Society (ACS)
www.cancer.org
800-ACS-2345 (800-227-2345)
Offers a variety of information and services, including Hope Lodge, a free place for patients and caregivers to stay during cancer treatment.

Cancer and Careers
www.cancerandcareers.org
646-929-8032
A resource for education, tools, and events for employees with cancer.

CancerCare
www.cancercare.org
800-813-4673
275 Seventh Avenue (Between West 25th & 26th Streets)
New York, NY 10001
Provides counseling, support groups, educational workshops, publications, and financial assistance.

Cancer Support Community
www.cancersupportcommunity.org
Provides support and education to people affected by cancer.

Caregiver Action Network
www.caregiveraction.org
800-896-3650
Provides education and support for people who care for loved ones with a chronic illness or disability.

Corporate Angel Network
www.corpangelnetwork.org
866-328-1313
Offers free travel to treatment across the country using empty seats on corporate jets.

Good Days
www.mygooddays.org
877-968-7233
Offers financial assistance to pay for copayments during treatment. Patients must have medical insurance, meet the income criteria, and be prescribed medicine that's part of the Good Days formulary.

HealthWell Foundation
www.healthwellfoundation.org
800-675-8416
Provides financial assistance to cover copayments, health care premiums, and deductibles for certain medicines and therapies.

Joe's House
www.joeshouse.org
877-563-7468
Provides a list of places to stay near treatment centers for people with cancer and their families.

LGBT Cancer Project
www.lgbtcancer.com
Provides support and advocacy for the LGBT community, including online support groups and a database of LGBT-friendly clinical trials.

LIVESTRONG Fertility
www.livestrong.org/fertility
855-744-7777
Provides reproductive information and support to cancer patients and survivors whose medical treatments have risks associated with infertility.

Look Good Feel Better Program
www.lookgoodfeelbetter.org
800-395-LOOK (800-395-5665)
This program offers workshops to learn things you can do to help you feel better about your appearance. For more information or to sign up for a workshop, call the number above or visit the program's website.

National Cancer Institute
www.cancer.gov
800-4-CANCER (800-422-6237)

National Council on Aging (NCOA)
www.benefitscheckup.org

Provides information and resources for older adults. Offers BenefitsCheckUp®, a free online tool that connects you to prescription assistance programs, including Medicare's Extra Help program.

National LGBT Cancer Network
www.cancer-network.org
Provides education, training, and advocacy for LGBT cancer survivors and those at risk.

Needy Meds
www.needymeds.org
Lists Patient Assistance Programs for brand and generic name medicines.

NYRx
www.health.ny.gov/health_care/medicaid/program/pharmacy.htm
Provides prescription benefits to eligible employees and retirees of public sector employers in New York State.

Patient Access Network (PAN) Foundation
www.panfoundation.org
866-316-7263
Gives help with copayments for patients with insurance.

Patient Advocate Foundation
www.patientadvocate.org
800-532-5274
Provides access to care, financial assistance, insurance assistance, job retention assistance, and access to the national underinsured resource directory.

Red Door Community (formerly known as Gilda's Club)
www.reddoorcommunity.org
212-647-9700
A place where people living with cancer find social and emotional support through networking, workshops, lectures, and social activities.

RxHope
www.rxhope.com

877-267-0517
Provides assistance to help people get medicines they have trouble affording.

Triage Cancer
www.triagecancer.org
Provides legal, medical, and financial information and resources for cancer patients and their caregivers.

Educational resources

This section lists the educational resources mentioned in this guide. They will help you get ready for your surgery and recover after your surgery.

As you read these resources, write down questions to ask your healthcare provider.

- *A Guide for Caregivers* (www.mskcc.org/pe/guide-caregivers)
- *Advance Care Planning for People With Cancer and Their Loved Ones* (www.mskcc.org/pe/advance_care_planning)
- *Call! Don't Fall!* (www.mskcc.org/pe/call-dont-fall)
- *Caring for Your Ileostomy or Colostomy* (www.mskcc.org/pe/caring_ileostomy_colostomy)
- *Common Questions About MSK's Recovery Tracker* (www.mskcc.org/pe/recovery-tracker)
- *Eating Well During Your Cancer Treatment* (www.mskcc.org/pe/eating-cancer-treatment)
- *Gynecology Service: What You Should Know About Going Home* (www.mskcc.org/pe/gyn-going-home)
- *Hand Hygiene and Preventing Infection* (www.mskcc.org/pe/hand-hygiene)
- *Herbal Remedies and Cancer Treatment* (www.mskcc.org/pe/herbal-remedies)
- *How to Be a Health Care Agent* (www.mskcc.org/pe/health_care_agent)
- *How To Check if a Medicine or Supplement Has Aspirin, Other NSAIDs, Vitamin*

E, or Fish Oil (www.mskcc.org/pe/check-med-supplement)

- *How to Shower Using 4% Chlorhexidine Gluconate (CHG) Solution Antiseptic Skin Cleanser* (www.mskcc.org/pe/chg-solution)
- *How To Use Your Incentive Spirometer* (www.mskcc.org/pe/incentive_spirometer)
- *Patient-Controlled Analgesia (PCA)* (www.mskcc.org/pe/pca)
- *What You Can Do to Avoid Falling* (www.mskcc.org/pe/avoid-falling)

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For more resources, visit www.mskcc.org/pe to search our virtual library.

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